I CLAIM:

1. An apparatus for use in medical procedures for treating subdural hematomas, the apparatus comprising a dual lumen catheter comprising, in combination:

a drainage channel having a proximal portion and a distal portion; and

an irrigation channel having a proximal portion and a distal portion.

2. The apparatus of Claim 1 wherein said drainage channel defines drainage perforations proximate said distal portion of said drainage channel and said irrigation channel defines irrigation perforations proximate said distal portion of said drainage channel.

3. The apparatus of Claim 2 wherein each of said drainage perforations having a diameter of between approximately .5 and 2 millimeters.

4. The apparatus of Claim 1 further comprising a pressure valve coupled to said proximal portion of said irrigation channel, said pressure valve dimensioned to regulate a flow of fluid irrigation.

5. The apparatus of claim 4 further comprising an irrigation container dimensioned to retain an irrigation solution, said container being coupled to said pressure valve.

6. The apparatus of Claim 5 further comprising a leur lock fitting connecting said container to said pressure valve.

7. The apparatus of Claim 1 further comprising a drainage container coupled to a proximal end of said proximal portion of said drainage channel, said drainage container dimensioned to receive subdural fluid collection from said drainage channel.

8. The apparatus of Claim 1 wherein said dual lumen catheter having a length of between approximately 10 and 30 centimeters.

9. The apparatus of Claim 1 wherein said distal portion of said drainage channel being coupled lengthwise to said distal portion of said fluid irrigation channel.

10. The apparatus of Claim 1 wherein said distal portion of said drainage channel and said distal portion of said fluid irrigation channel have a length of between approximately 5 and 10 centimeters.

11. The apparatus of Claim 1 wherein said irrigation channel being disposed inside said drainage channel, said irrigation channel comprising a plurality of tubes each having one end coupled in fluid communication to said distal portion of said irrigation channel, each opposite end of said plurality of tubes coupled to said drainage channel so that said plurality of tubes support said irrigation channel inside said drainage channel while at the same time said plurality of tubes being dimensioned to deliver an irrigant from said irrigation channel to a subdural space.

12. The apparatus of Claim 1 wherein said dual lumen catheter having a diameter of between approximately 1 and 4 millimeters.

13. The apparatus of Claim 12 wherein said dual lumen catheter having a diameter of approximately 2 millimeters.

14. A method for treating subdural hematomas comprising, in combination, the steps of:

inserting a dual lumen catheter into a subdural space;

draining said subdural space of a subdural fluid collection with said dual lumen catheter; and

irrigating said subdural space using said dual lumen catheter.

15. The method of Claim 14 further comprising the steps of:

providing a drainage channel having a proximal portion and a distal portion;

providing an irrigation channel having a proximal portion and a distal portion;

wherein said drainage channel and said irrigation channel comprise said dual lumen catheter;

draining said subdural space of a subdural fluid collection using said drainage channel of said dual lumen catheter; and

irrigating said subdural space using said irrigation channel of said dual lumen catheter.

16. The method of claim 15 further comprising the steps of:

draining said subdural space of subdural collection fluid through perforations defined by said drainage channel; and

irrigating said subdural space through perforations defined by said irrigation channel while draining of said subdural space by said drainage channel is performed.

17. The method of Claim 16 wherein each of said drainage perforations having a diameter of between approximately .5 and 2 millimeters.

18. The method of Claim 15 further comprising the steps of:

providing a pressure valve coupled to said proximal portion of said irrigation channel; and

operating said pressure valve in order to regulate a flow of fluid irrigation from said pressure valve to said irrigation channel.

19. The method of Claim 18 further comprising the steps of:

providing an irrigation container dimensioned to retain an irrigation solution;

coupling said container to said pressure valve; and

operating said pressure valve in order to regulate a flow of fluid irrigation from said pressure valve to said irrigation channel.

20. The method of Claim 19 further comprising the step of coupling said container to said pressure valve with a leur lock fitting.

21. The method of Claim 15 further comprising the steps of:

providing a drainage container dimensioned to receive subdural collection fluid from said drainage channel;

coupling said drainage container to a proximal end of said proximal portion of said drainage channel; and

draining said subdural space of said subdural collection fluid so that said drainage container fills with said subdural collection fluid from said subdural space.

22. The method of Claim 14 further comprising the step of drilling a hole into a skull.

23. The method of Claim 14 further comprising the steps of:

providing a tuohy needle;

drilling a hole in a skull;

inserting said tuohy needle into said subdural space of said skull;

inserting said dual lumen catheter into said tuohy needle; and

removing said tuohy needle from said subdural space.

24. The method of Claim 14 further comprising the steps of:

providing a tuohy needle;

drilling a hole in a skull;

inserting said tuohy needle into said subdural space of said skull;

inserting a guide wire into said tuohy needle approximately parallel to the brain;

removing said tuohy needle from said subdural space;

advancing said dual lumen catheter along said guide wire into said subdural space; and

removing said guide wire from said subdural space.

25. The method of Claim 14 further comprising the steps of:

drilling a hole in a skull;

inserting a stylette into said dual lumen catheter in order to give said dual lumen catheter rigidity;

inserting said dual lumen catheter into said subdural space; and

removing said stylette from said dual lumen catheter.

26. The method of Claim 14 wherein said draining of said subdural space occurring over approximately three days.

27. The method of Claim 14 wherein said irrigating of said subdural space occurring over approximately between 1-2 days.

28. A dual lumen catheter for treatment of subdural hematomas, the dual lumen catheter comprising, in combaintion:

means for drainage; and

means for irrigation.

29. The apparatus of claim 28 wherein the means for drainage further comprises a drainage container coupled to the means for drainage.

30. The apparatus of claim 28 wherein the dual lumen catheter further comprises:

perforation means for drainage; and

perforation means for fluid irrigation.

31. The apparatus of claim 28 wherein the dual lumen catheter further comprises a pressure regulating means for regulating fluid pressure.

32. The apparatus of claim 28 wherein the dual lumen catheter further comprises:

a first lock means for connecting an irrigation container for irrigating a subdural hematoma; and

a second lock means for connecting a drainage container for draining said subdural hematoma.

33. The apparatus of claim 28, further comprising a means for inserting the dual lumen catheter into a subdural space.